RULE 63 (37 C.F.R. 1.63) ND POWER OF ATTORNEY FOR PATENT APPL IN THE UNITED STATES PATENT AND TRADEMARK OFFIC

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to mv name, and I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled A Vertically Configured Chamber Used for Multiple Processes, the specification of which is attached hereto.

bearing Attorney Docket No. 42496/0253038.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S): Date first Laid-Date Patented Day/MONTH/Year Filed open or Published or Granted Priority Claimed Country Number Yes [] No []

I hereby claim domestic priority benefit under 35 U.S.C. 119/120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S) Application No.:

Day/MONTH/Year Filed:

pending, abandoned, patented)

Priority Claimed? Yes [] No []

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belieflare believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so mate are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false

statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Madison & Sutro LLP, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (650) 233-4790 (to whom all communications are to be directed), and the below-named persons (of the santa address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete persons no longer with their first and to act and rely on instructions from and communicate directly with the person/assignee who first sent this case to them and by which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below atte hey in writing to the contrary.

P. N. Kokulis Raymond F. Lippitt G. Lloyd Knight Carl G. Love Kevin E. Joyce George M. Sirilla	16773 17519 17698 18781 20508 18221	Peter W. Gowdey Dale S. Lazar Glenn J. Perry Kendrew H. Colton Paul E. White, Jr. G. Paul Edgell	28872 28458 30368 32011 24238	David A. Jakopin Mark G. Paulson Timothy J. Klima Stephen C. Glazier Paul F. McQuade Ruth N. Morduch	31542 31044	Roger R. Wise Jay M. Finkelstein Anita M. Kirkpatrick Michael R. Dzwonczyk W. Patrick Bengtsson Jack S. Barufka	31204 21082 32617 36787 32456 37087
Donald J. Bird	25323	Lynn E. Eccleston	35861	Richard H. Zaitlen	27248	Adam R. Hess	41835

1. INVENTOR'S SIGNATURE:

Konstantin Volodarsky

Inventor's Name

Residence (City, State): Post Office Address:

San Francisco, California

1721-Rivera Street

San Francisco, CA 94116

2. INVENTOR'S SIGNATURE:

Inventor's Name:

Residence (City, State):

Post Office Address:

Boguslay

San Jose California 3532, Cavelli Court

San Jose, CA 95124

3. INVENTOR'S SIGNATURE:

Volodarsky

Inventor's Name Residence (City, State): Rimma Volodarsky San Francisco, California 1721-Rivera Street

Post Office Address:

San Francisco, CA 94116

4. INVENTOR'S SIGNATUR

Inventor's Name: Residence (City, State): Post Office Address:

Douglas W. Young Sunnyvale, California

147 N. Murphy Avenue Sunnyvale, CA 94086

5. INVENTOR'S SIGNATURE:

Inventar's Name

Reside e (City, State): Post Q ce Address: Milpitas, California 1645 McCandless Drive

Milpitas, CA 95035

6. IN ENTOR'S SIGNATURE:
Inven c's Name: Hom
Resid ce (City, State): San J Post Cice Address:

Homayoun Talieh

San Jose, California 1645 McCandless Drive

Milpitas, CA 95138

Country of Citizenship: United States of America

Country of Citizenship: Nigeria